

# [LIGHT GUIDE PLATE STRUCTURE AND BACK LIGHT MODULE]

## Abstract

A structure of a light guide plate comprising a light guide plate and a plurality of transparent elements is disclosed. The light guide plate comprises at least one light incident surface, a light scattering surface and a light emitting surface. The light scattering surface has a plurality of notches and these transparent elements are disposed therein. The transparent elements refractive index is different from that of the light guide plate. By disposing these transparent elements, the light scattering surface can improve light scattering effect. In addition, a back light module comprising a linear light source and a light guide plate structure mentioned above is also disclosed. The linear light source is disposed next to the light incident surface of the light guide plate.